

Katharine L Gerst

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

820
citations

687363
13
h-index

642732
23
g-index

25
all docs

25
docs citations

25
times ranked

1102
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Standardized phenology monitoring methods to track plant and animal activity for science and resource management applications. <i>International Journal of Biometeorology</i> , 2014, 58, 591-601. | 3.0 | 166 |
| 2 | Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175. | 4.1 | 96 |
| 3 | PHOTOSYNTHETIC RESOURCE-USE EFFICIENCY AND DEMOGRAPHIC VARIABILITY IN DESERT WINTER ANNUAL PLANTS. <i>Ecology</i> , 2008, 89, 1554-1563. | 3.2 | 77 |
| 4 | Organizing phenological data resources to inform natural resource conservation. <i>Biological Conservation</i> , 2014, 173, 90-97. | 4.1 | 62 |
| 5 | Climate change is advancing spring onset across the U.S. national park system. <i>Ecosphere</i> , 2016, 7, e01465. | 2.2 | 61 |
| 6 | Phenology research for natural resource management in the United States. <i>International Journal of Biometeorology</i> , 2014, 58, 579-589. | 3.0 | 48 |
| 7 | Phenological responsiveness to climate differs among four species of <i>Quercus</i> in North America. <i>Journal of Ecology</i> , 2017, 105, 1610-1622. | 4.0 | 42 |
| 8 | Species-specific phenological responses to winter temperature and precipitation in a water-limited ecosystem. <i>Ecosphere</i> , 2015, 6, 1-27. | 2.2 | 41 |
| 9 | USA National Phenology Network's volunteer-contributed observations yield predictive models of phenological transitions. <i>PLoS ONE</i> , 2017, 12, e0182919. | 2.5 | 35 |
| 10 | The effect of geographic range position on demographic variability in annual plants. <i>Journal of Ecology</i> , 2011, 99, 591-599. | 4.0 | 28 |
| 11 | Short-Term Forecasts of Insect Phenology Inform Pest Management. <i>Annals of the Entomological Society of America</i> , 2020, 113, 139-148. | 2.5 | 28 |
| 12 | Estimating the onset of spring from a complex phenology database: trade-offs across geographic scales. <i>International Journal of Biometeorology</i> , 2016, 60, 391-400. | 3.0 | 18 |
| 13 | Time to branch out? Application of hierarchical survival models in plant phenology. <i>Agricultural and Forest Meteorology</i> , 2019, 279, 107694. | 4.8 | 18 |
| 14 | Developing a Workflow to Identify Inconsistencies in Volunteered Geographic Information: A Phenological Case Study. <i>PLoS ONE</i> , 2015, 10, e0140811. | 2.5 | 16 |
| 15 | How well do the spring indices predict phenological activity across plant species?. <i>International Journal of Biometeorology</i> , 2020, 64, 889-901. | 3.0 | 14 |
| 16 | The California Phenology Project: Tracking Plant Responses to Climate Change. <i>Madroño</i> , 2013, 60, 1-3. | 0.4 | 11 |
| 17 | Functional traits of broad-leaved monocot herbs in the understory and forest edges of a Costa Rican rainforest. <i>PeerJ</i> , 2020, 8, e9958. | 2.0 | 9 |
| 18 | A decade of flowering phenology of the keystone saguaro cactus (<i>Carnegiea gigantea</i>). <i>American Journal of Botany</i> , 2019, 106, 199-210. | 1.7 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The USA National Phenology Network's Buffelgrass Greenâ€ Forecast map products. Ecological Solutions and Evidence, 2021, 2, e12109. | 2.0 | 7 |
| 20 | Creating the Urban Farmerâ€™s Almanac with Citizen Science Data. Insects, 2019, 10, 294. | 2.2 | 5 |
| 21 | Distribution and photosynthetic assimilation of rosulate aroid epiphytes in a Costa Rican lowland rainforest. Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 279, 151830. | 1.2 | 4 |
| 22 | PS3: The Pheno-Synthesis software suite for integration and analysis of multi-scale, multi-platform phenological data. Ecological Informatics, 2021, 65, 101400. | 5.2 | 4 |
| 23 | Impact of an Ecohydrology Classroom Activity on Middle School Studentsâ€™ Understanding of Evapotranspiration. Journal of Natural Resources and Life Sciences Education, 2010, 39, 150-156. | 0.2 | 4 |